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**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Connecting Hole Diameter:**

0.144 inches first flange all connection facilities and 0.149 inches first flange all connection facilities

**Waveguide Outside Width:**

1.149 inches

**Waveguide Inside Width:**

Between 1.021 inches and 1.029 inches

**Waveguide Inside Height:**

Between 0.472 inches and 0.478 inches

**Waveguide Outside Height:**

0.537 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange all connection facilities

**Flange Style:**

Contact, double ridge type first flange

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Precious Material And Location:**

All surfaces waveguides silver

**Precious Material:**

Silver

**Surface Treatment:**

Nickel single tubing segment inside surfaces and silver single tubing segment inside surfaces

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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